



SDMS DocID

2241293

ORIGINAL

**STATEMENT OF WORK
For
12th STREET LANDFILL**

Description of Work

Work to be done at the 12th Street Landfill Site includes revegetating areas upland of the river bank, on the slope of the river bank, and in the pond and drainage ditch, which will be subject to tidal influences of the Brandywine Creek. The following is a list of proposed grasses to be used to revegetate these areas. The types of grasses were chosen based on their erosion control capability and usefulness as food and shelter for local wildlife. The proposed grasses are herbaceous perennials and are of four species: obligate wetland species (OBL), facultative wetland species (FACW), facultative species (FAC), and facultative upland species (FACU). The proposed grasses are:

Pond/Drainage Ditch *Hibiscus moscheutos*, *Peltandra virginica*, *Scirpus americanus*.

Leersia orzyoides Rice Cut-Grass (OBL)

- grows in marshes, bogs, or wet meadows
- grows to 5 feet in height
- provides food for ducks and a habitat for invertebrates on which waterfowl feed

~~*Carex vesicaria*~~ Inflated Sedge (OBL)

- grows in swamps, marshes, vernal ponds, and ditches
- grows to 1-3 feet in height
- provides food and cover for wildlife (songbirds ruffed grouse, ducks)

~~*Puccinella distans*~~ Alkaligrass (OBL)

- grows along roadsides, waste ground, and ballast
- grows between 6-24 inches
- A salt tolerant specie used for erosion control

grass = green

Scirpus fluviatilis-River Bulrush (OBL)

- grows in moist sandy shores, marshes-tidal and non-tidal
- grows 3-10 feet in height
- provides food and cover for ducks, geese, Trumpeter swan, Sandhill crane, and muskrat. Provides nesting grounds for bluegills and largemouth bass.

River Bank

Tritens Flavus
Elymus virginicus

~~*Agrostis stolonifera*~~-Creeping Bentgrass (FACW)

- cultivated and occasionally established in wet and sandy shores
- grows between 8-24 inches in height
- sod forming and useful for erosion control

~~*Panicum dichotomiflorum*~~-Smooth Panicgrass (FACW)

- grows in dry to moist soils of open woods or meadows
- grows to 7 feet in height
- provides food for ducks, geese, wild turkey, deer, cottontail rabbit, and muskrat

~~*Carex cristatella*~~-Crested Sedge (FACW)

- grows in swamps, wet thickets, and stream banks
- grows between 16-36 inches in height
- provides food and cover for wildlife (songbirds ruffed grouse, ducks)

Upland Area

Panicum virgatum-Switchgrass (FAC)

- grows in sandy shores, fields, or stream banks
- grows to 6 ½ feet in height
- source of food for ducks, geese, wild turkey, deer, cottontail rabbit and muskrat

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Carx scoparia-Blunt Broomsedge (FACW)

- grows in dry to moist open ground
- grows 8 inches to 3 feet in height
- source of food for wildlife (grouse and ducks) and for cover

~~Festuca elatior~~ Meadow Fescue (FACU-)

- grows in meadows, moist shores, roadsides and disturbed ground
- grows 2-5 feet in height
- habitat for wild turkey, sod-forming, provides good erosion control